

THE TECH

VOL. XXVII. No. 20

BOSTON, MASS., FRIDAY, NOVEMBER 15, 1907

PRICE THREE CENTS

CROSS COUNTRY TEAM HAS NEW LIFE.

WORKING HARD FOR BIG RACE.

Callaway and Gimson are Giving Others
Hard Race.

Trials for the Cross Country Team to represent Tech in the intercollegiate championships at Princeton will be held tomorrow on the track at Readville. This track is one lap to the mile and the distance that will be run will be six and one quarter miles, the length of the course that is run at the intercollegiate.

Conditions will thus be more favorable for fast running and that this will be the rule seems probable from the hard work that the team has been doing the past week. In addition to the team that ran the race against Harvard two weeks ago, there are several valuable men that have come out lately. Prominent among these are Callaway 1908, and Gimson 1908.

Callaway has always been one of the best track men at the Institute but he has been prevented from competing this season. In his Freshman year he took third place in the cross country race with Harvard, and won second in the half mile at the full handicap meet the same year. In his Sophomore year he came out second in the Harvard run and won fourth place for Tech in the two mile at the intercollegiate. He also won the two mile in the dual meet with Amherst, and performed well in the inter-class games the same year.

Last year Callaway was captain of the Cross Country Team and did splendid work during the season. He placed third in the Harvard race and landed sixteenth place, third for Tech in the intercollegiate, running on a very bad ankle. His resumption of work has given new life to the squad.

Gimson has run on the Track Team ever since he has been at the Institute. His first race was run against Harvard in 1904, and he won the half mile against Tufts in 1906. His next victory was in the 1000 yards at the winter meet. He captured first in the half-mile as a Sophomore in the fall meet. Then came another first in the 1000 yards in the 1908-1909 dual meet. Gimson has probably won more firsts than any other man now at the Institute.

Howland, this year's captain, has also been a heavy point winner in cross-country and distance work.

A squad of twenty fast candidates will run the trial Saturday, and with these old men out, every man will be pushed to the limit to get on the team. These men have been doing cross country work:—Captain H. Howland 1908, M. Ames, 1908, C. L. Batchelder 1909, R. Ellis 1909, L. C. Cooley 1911, P. D. White 1911, R. M. Spencer 1911, W. J. Macreadie 1911, W. J. Stephenson 1909, W. Harrington 1910, W. S. Davis 1910, F. A. Burton 1909, C. D. Clapp 1908, F. Russell 1910, H. K. Foster 1909, R. A. D. Preston 1911, E. D. Howe 1909, R. Hulsizer 1909, S. M. Niles 1911, L. O. Mills 1910, L. W. Brooks 1910. These men realize that on them rests a large share of Technology's well-earned prestige in cross country circles. With Yale winning the dual race from Harvard 36—41 there is little doubt as to the amount of work that must be done by the team.

The squad leaves the Back Bay station for Readville at 1:44, returning at 3:25. The round-trip fare is twenty-five cents.

INSTITUTE COMMITTEE TO MEET.

First Time This Year. Officers Will Be
Elected.

The first meeting of the year of the Institute Committee will be held in the Trophy Room, Monday, Nov. 18, at one o'clock. It is urged that all members be present. The meeting will be an important one since officers for the coming year will be elected.

WHAT WAS HERESY IS NOW SCIENCE.

RAPID DEVELOPMENT OF GEOLOGY.

Writer in New York Post Describes
Growth.

Of great interest to any curious minded person is the story of the development of a science; how struggling against the almost fanatical conservatism of the world the truth has survived. The following is an editorial from the New York Weekly Post, obtained through the courtesy of Prof. Shimer, and should at least attract the attention of everyone who has studied geology.

The writer in the Post says in part: "The Geological Society of London has just been celebrating its centennial, and the speakers of the occasion have dwelt on the vast strides which the science has made in the hundred years and the profound influence which it has had on our conception of man and the universe. The beginnings of geology were the first crude speculations as to the history and structure of the world, a subject that could not fail to excite the curiosity and stimulate the imagination of primitive man. But the ancient cosmogonies and creation-myths were framed with what now seems to us sublime indifference to easily observed facts.

"Before the latter part of the eighteenth century, geologists believed that valleys and mountains were produced by great and sudden upheavals, and that each plant and animal in the long series preserved in the rocks was a special creation. So recently as a generation ago Lyell, born in 1797, was still looked upon as the great champion of uniformitarianism—the doctrine that existing causes, acting in the same manner and with the same intensity as at the present time, are sufficient to account for all geological changes.

"Popular interest in the subject was immensely strengthened by the writings of a man who, though not a geologist, had been profoundly influenced by Lyell; that is, Charles Darwin. In his "Origin of Species," 1859, he applied to the development of plants and animals the same theory of uniformitarianism that Lyell and his adherents had applied to the structure of the earth. There were no special creations, but all living things, including man himself, were the product of steadily working forces. This bold attack on the first chapters of Genesis, as commonly accepted, aroused an intellectual storm which only those whose memories run back thirty or forty years can really understand.

"Lyell and his fellow scientists had been the sappers and miners, slowly but surely destroying the notion that the Maker of the Universe had been incessantly interfering in the operation of it. Darwin, drawing many of his arguments from that branch of geology which is now almost a distinct science, paleontology, had brought the truth home to men's hearts. Before the "Origin of Species," uniformitarianism had been in the minds of the generality an abstract idea that excited as little emotion as the binomial theorem. Darwin, by applying it to human kind, shook men's dearest convictions, their most passionate faith. It is no marvel that he and his followers drew upon themselves the thunder from a thousand pulpits; and that even in Oxford a learned divine asserted that the fossils in the rocks, of which the new heretics made so much, were placed there by the Devil on purpose to mislead human inquirers.

"But all this bitterness and heat have now passed into the limbo of 'old, unhappy, far-off things, and battles long ago.' The statement that man is descended from a monkey, or even a jelly-fish, is coolly admitted by the most ardent theologian. So deeply has the notion of uniformitarianism penetrated the consciousness of educated men that we look upon it as we look upon the law of gravitation, or any other commonplace. Indeed, we no longer realize how wide a gulf the geologists and allied scientists have eroded between us and

(Continued on page 3.)

FENCING CLUB WILL BE ORGANIZED TODAY.

OLD ONE A CLUB ONLY IN NAME.

More Money Is Needed To Pay Expenses.

The needs of fencing at the Institute have become so pressing that the various men interested in the sport gathered Wednesday evening in Capt. Loring's room in the St. Botolph Studios. There were present besides Capt. Loring, Manager Alfred G. Place 1908, Frank L. Lange 1909, Arthur H. Turner 1908, Victor C. Gribman 1909, and several others.

It was decided to form a regular Technology Fencing Club the present one, being a club only in name, under the charge of Coach Fournon. There will be a meeting of all those interested in fencing this afternoon at four o'clock in the rooms of Coach Fournon at 22 St. Botolph street.

At this meeting there will be selected officers, and a constitution will be drawn up. The club will have not only its fencing work but also a social aspect, for smokers will be given later in the year.

It was also decided that at the meeting this afternoon the various qualities of the various men who have come out for the place of manager will be discussed. It was thought best that the manager be a Junior, and after his election a competition will be instituted for the position of assistant-manager.

The Athletic Association at the present is not in a position to furnish the Fencing Team with any funds except those necessary for sending the team to the intercollegiate tournament and to meet the possible deficit from meets.

More money than this is needed to secure a representative team for there are many minor expenses to meet. Also a number of men, some of the most capable candidates, cannot afford the proper number of lessons to put them in proper shape for competition. It was proposed at the meeting that a competition (Continued on page 2.)

NEED A BIT OF PURPLE.

Rev. Alexander Says College Men Need
Courage.

Rev. James Alexander, who had just returned from a conference with Andrew Carnegie, began a series of talks yesterday to the Y. M. C. A. with a few remarks on the soldierly qualities of a Christian.

He said: "It may seem strange to say that a college man needs genuine courage, or what Robert Louis Stevenson calls a bit of purple. A man may have a fine list of other qualities and be a good fellow, but if he lacks courage his influence is depreciated. We need a bit of manliness, a bit of purple. Without it we may as well give up at the beginning as at the end.

"Another necessary element in the Christian's life is obedience. The essence of Christianity is not creed, not simply going to church and prayer-meeting (although I would not hold my position unless some did this) but it is obedience to what Christ says to us in our inner heart."

LECTURE IS POSTPONED.

Commendatore Boni, who was to have given a course of lectures before the Lowell Institute on "Recent Archaeological Discoveries in Rome," has found himself unable to come to Boston at present. The course is therefore postponed until further notice.

TO DISCUSS ELECTRICAL CONDITIONS.

John W. Coming, Electrical Engineer for the Boston Elevated, will present a paper, "The Relation Between Station Output and the Atmospheric Temperature in Railroad Work," before the Boston branch of the American Institute of Engineers next Wednesday evening in the auditorium of the Edison Company, 39 Boylston St.

PRESIDENT ROGERS IS AGAIN HONORED.

NAME CHAIR FOR FOUNDER OF
INSTITUTE.

University of Virginia Rewards President
Rogers Services.

In recognition of the eminent and devoted services of William Barton Rogers the founder and the first President of the Institute of Technology, to the University of Virginia, the Rector and Visitors of the University have decreed that the Chair of Economic Geology recently established in that institution shall be designated the William Barton Rogers Chair of Economic Geology.

This action is particularly appropriate, as Professor Rogers was very distinguished as a geologist. This chair of Economic Geology was established in the University of Virginia last June, and the first incumbent is Thomas Leonard Watson, who was recently connected with the Virginia Polytechnic Institute. Professor Watson is a man of distinction and eminence in geological work in this country.

President Rogers was born in Philadelphia, in December, 1804, of a family many of whose members have been distinguished for their work in natural science. He was educated at the College of William and Mary, and was appointed Professor of Natural Philosophy there at the age of twenty-four. Seven years later he was called to the University of Virginia to fill a similar position, and was appointed head of the Geological Survey of Virginia.

In 1846 he and his brother formulated a "Plan for a Polytechnic School in Boston," and finding that on a school independent of existing universities could do the work which was needed, he joined the movement already started by many leading citizens, which culminated in the foundation of the Massachusetts Institute of Technology. This was from start to finish a difficult task, requiring unlimited time and perseverance and no small amount of money; but his untiring efforts achieved a result, and he was rewarded for them with the Presidency.

His services to the Institute are well known. For many years he worked hard and steadily to bring it to fame and success, and to him is largely due the credit for all that Technology is and hopes to be. He held the position from 1859 until his death on the day of the 1882 graduation exercises, May 30, 1882.

BASKET BALL PROSPECTS UNUSUALLY BRIGHT.

TWENTY CANDIDATES OUT.

Squad is Larger Than Usual and Passing
is Fair.

Basket ball at Tech has begun in earnest. About 20 candidates have reported to Capt. Wentworth 1909 at the gymnasium. The outlook for a fast team is very bright, the squad is larger than usual, and in addition to the five regulars back a number of new men show considerable ability.

A list of candidates out for the team follows: E. J. Cahill, K. Dillan, R. Emmel, K. D. Fernstrom, W. F. Grimes, W. B. Hartgraves, N. B. Gregory, H. G. Jenckes, W. W. Johnson, S. McPherson, R. H. Nichols, T. D. Parker, A. Pettengill, W. J. Pierce, H. Schatz, J. H. Shaw, E. Stuart, D. R. Stevens, Capt. P. M. Wentworth, Coach Kanaly, who will coach the team, played on the fast Marlborough professional quintet and is well fitted for the position.

The work has so far consisted in shooting baskets and passing the ball. Three teams have been picked and 10-minute scrimmages are played. Team work is hardly to be expected so early in the season, but the passing is very fair. Holding and inaccurate shooting are the (Continued on page 3.)

THE TECH

Published every Monday, Wednesday, and Friday during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 9, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

OFFICE HOURS:

Editor-in-Chief, 30 Rogers.....4-6 Daily
Business Manager, 30 Rogers.....4-6 Daily
Managing Editor, 30 Rogers.....8-10-9 Daily

Contributions are requested from all under graduates, alumni and officers of instruction

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulating Manager.

Subscription - \$1.50 per year in advance.
Single Copies 3 Cents.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by 86 cents.

Friday, November 15, 1907.

AN IDEA FOR TECH.

In answer to an inquiry regarding the system under which the news staff of the Pennsylvania is run, the following letter has been received from Robert L. Lowe, 1908, editor-in-chief. This inquiry was made because THE TECH has felt for some years that such a system might be instituted at the Institute to great advantage. A large number of candidates would come out for the News Staff, THE TECH would benefit not only from being able to have a large number of men working, but also from being able to get the best men in the Freshman Class on the editorial staff, and the best men themselves would get practical education in the use of English. THE TECH hopes that a plan such as is outlined in Mr. Lowe's letter can be adopted at the Institute.

Mr. Lowe said in part:—"First let me say that the system as indicated by the editorial to which you refer was subsequently modified due to force of circumstances. When the rule making it obligatory for all candidates to take our course in Newspaper Writing was put into effect it was found that so few freshmen could adjust their rosters to the hour at which that course is given that the number of candidates was materially decreased. That is to say that while last year we had forty candidates at the opening of the season, this year we had but eight.

"The system now employed is this: A course entitled 'Newspaper Writing' is given in the English Department by Professor Cornelius Weygandt, who spent several years in active newspaper work in this city. The work in this course counts toward a degree. All candidates are advised to take the course and the work done by them for the paper is accepted by Prof. Weygandt as an equivalent for his requirements. Thus we add an inducement to men to become candidates.

"This plan has worked very well and our number of candidates is now about normal. The best of them are taking the newspaper course and receiving credit from the faculty for their work on the paper.

This method can hardly be called a system, as you can see. The plans originally laid proved impractical, as you can see they would under the circumstances."

OFFERS TWO PRIZES.

THE TECH offers two prizes of five dollars each for drawings for its inserts in Technique 1909. One drawing is to be a full-page frame for the picture of the Board of Editors, with a space left also for the names. The other is to be a head for the page which contains the list of members of the staff. It is desirable that both designs should be as expressive as possible of the fact that they are illustrating the page assigned to a newspaper. All drawings must be in the hands of the Managing Editor by Saturday, Dec. 21. This condition is positive, and, if no drawings are in, time will NOT be extended. THE TECH also reserves the right to decline to accept all of the drawings if none are acceptable. Further information may be secured from the Managing Editor.

POSTERS A DISGRACE.

"Indiscriminate conglomeration" styles perfectly the posters in the various Institute buildings. Not only are the regular posters of irregular size and shape, but there are numerous posters painted

in a sloppy manner on wrapping paper, cheap card board and writing paper.

As a visitor enters Rogers a most startling sight greets him. A fringe of wrapping paper, inked with pink or blue, hangs from various bulletin boards. The blackboard is covered with signs announcing all kinds of meetings in all sorts of ways. Worse even is the bulletin at the head of the first flight of stairs.

What should be done is to assign to each organization a distinctive poster. Every poster should have printed at the top the name of the organization. This should include the classes as well as the clubs and other organizations. This is already done by the Track Team, Fencing Team, Cross Country Team, THE TECH, and others.

There should also be assigned places for posters, also some sort of rule in regard to the placing of posters. The track management has considerable difficulty in keeping posters in place during the fall season, the posters being removed by other organizations to secure the tracks. The track posters were thrown on the floor and swept up by the janitor.

Rules in regard to posters should be formulated at once by the Institute Committee.

FENCING CLUB ORGANIZED TODAY.

(Continued from page 1.)
be started among the candidates for the team, and a varsity squad be picked at the end of each month. The money raised for the development of the team can be used to partially pay for the instruction of these men.

If this procedure is instituted there will be working from now until the intercollegiate meet the six best candidates. Coach Fournon advises that this is the only way Technology can make any kind of a showing against the other colleges. Also under this plan, at the end of each month there will be an opportunity for other candidates to displace the men on the varsity squad.

The outlook for the Fencing Team, bright at the opening with numerous candidates, has been gloomy in the past few weeks. The number of men out have decreased from thirteen to six. However, in the past two days there has been a change for the better. Wednesday there were thirteen men practicing and a number have renewed their club memberships.

Turner, who had experience on the Princeton team and was a member of the Tech team last year, has announced his intention to come out this year.

This makes the outlook for a strong team much brighter. Captain Loring has been working daily since the opening of school with Grubnau. Lange has been working hard and is in good shape while there are several very promising new candidates working.

"THE GIRLS ARE FOND OF THESE"



Tech Emblems

Greatest Variety

Lowest Prices

BENT & BUSH

15 SCHOOL ST. BOSTON, MASS.

GLOVES

may be right and not be
Fownes, but they can't be

FOWNES

and not be right.

MAKER TO WEARER
THE
SPHINX
\$200 HAT
412 WASHINGTON ST. BOSTON
FALL STYLES

BROWNING, KING & CO.

407-409-411 Washington St., Boston

WINTER SACK SUITS

of

Light and Dark Gray Herring-Bone Cheviots

Bear in mind that your purchases here are subject to Cash Discount of 10%

THE GURNEY NATIONAL

IS THE MODERN

ELEVATOR

For Passenger and Freight Service

EXCELS ALL OTHERS IN SAFETY, RELIABILITY AND ECONOMY

W. S. TUBMAN, Agent

20 CENTRAL STREET,

BOSTON, MASS.

OTIS ELEVATOR COMPANY

53 State Street, BOSTON

Electric and Hydraulic Elevators
ESCALATORS (Moving Stairways)

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

STONE & WEBSTER

84 STATE STREET, BOSTON

General Managers of

The Lowell Electric Light Corporation, The Seattle Electric Company, Puget Sound Electric Railway, Columbus Electric Company, Cape Breton Electric Company, Ltd., El Paso Electric Company, Jacksonville Electric Company, Ponce Electric Company, Paducah Traction and Light Company, Pensacola Electric Company, The Minneapolis General Electric Company, Edison Electric Illuminating Co. of Brockton, Houghton County Electric Light Company, Brockton and Plymouth Street Railway Company, The Houghton County Street Railway Company, Whatcom County Railway and Light Company, Savannah Electric Company, Dallas Electric Corporation, Northern Texas Electric Company, The Blue Hill Street Railway Company, Fort Hill Chemical Company, Tampa Electric Company, General Electro-Chemical Company, Houston Electric Company, Fall River Gas Works Company, Galveston Electric Company, The Key West Electric Company, Baton Rouge Electric Company, Puget Sound International Railway & Power Company.

M. L. MORTON

TAILOR

3 HIGH ST. - CORNER SUMMER

Moderate in Price - Durable in Wear
Satisfaction Guaranteed in Make-up and Style

SPECIAL ATTENTION TO CLEANING AND REPAIRING

OUR \$35 Tech Suits Have No Equal

CHARLES JACOBSON, Custom Tailor

Formerly with F. L. Dunne

We also do Naphtha or Steam
Cleansing, also Monthly Pressing.

Newbury Building
111 MASSACHUSETTS AVE.

Chamberlain's

Beaconsfield
Derby

\$3

Revelation
Derby

\$2

Latest English Shapes From Imported Cloths. CAPS, \$1.00

TWO STORES

637 Washington St. corner Boylston St.
663 Washington St. opposite Beach St.

GENTLEMEN
WHO DRESS FOR STYLE
NEATNESS, AND COMFORT
WEAR THE IMPROVED

BOSTON GARTER

THE RECOGNIZED STANDARD
The Name is
stamped on every
loop—

The *Velvet Grip*
CUSHION
BUTTON
CLASP

LIES FLAT TO THE LEG—NEVER
SLIPS, TEARS NOR UNFASTENS

Sample pair, Silk 50c., Cotton 25c.
Mail on receipt of price.

GEO. PROST CO., Makers
Boston, Mass., U.S.A.

ALWAYS EASY

Try the
**MEADOWBROOK
LUNCH COUNTER**
24-26 Huntington Avenue

KANRICH'S ORCHESTRA
The best musicians for Dinners, Dances,
Theatricals, Receptions, Etc. Music ar-
ranged for Orchestra.
ALBERT M. KANRICH
164 A TREMONT STREET

The Technology Review

A QUARTERLY MAGAZINE
DEVOTED TO THE INTERESTS OF
THE MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

AND
PUBLISHED BY THE ASSOCIATION
OF CLASS SECRETARIES

83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations
among Institute men and to stimulate their in-
terest in the work of the College. It is in no
sense an engineering magazine, but deals
broadly with the problems of Technological
Education and the responsibilities of the pro-
fessional man.

THE REVIEW is published during Janu-
ary, April, July, and October. Communi-
cations should be addressed to THE TECH-
NOLOGY REVIEW, 83 Newbury St., Boston

SUBSCRIPTION, ONE DOLLAR A YEAR
SINGLE COPIES, THIRTY-FIVE CENTS

Volumes I., III., IV., and V. finely bound in
half morocco, are ready for delivery at \$2.00
each, or will be exchanged for unbound sets
provided they are in good condition, at \$1.00
each. (If sent by mail, 30 cents extra.) Vols
VI. and VII. at \$2.25 each, or they will be ex-
changed for unbound sets at \$1.25 each.

BASKET BALL PROSPECTS BRIGHT.

(Continued from page 1.)

worst faults. Practice will continue
daily at 4.30.

The schedule follows:—Dec. 9 Boston
College at Tech Gym. Dec. 14 Dart-
mouth at Hanover. Jan. 1 Tufts at Med-
ford. Jan. 4 Worcester Polytechnic In-
stitute at Worcester. Jan. 7 Harvard
at Cambridge. Jan. 11 Williams at
Williamstown. Jan. 15 Lowell Textile
at Lowell. Feb. 5 Pratt Institute at
Brooklyn. Feb. 6 Brooklyn Polytechnic
Institute at Brooklyn. Feb. 7 College of
the City of New York at New York
Feb. 8 U. S. Military Academy at West
Point. Feb. 12 Tufts, Tech Gym. Feb.
19 Brown at Providence. Feb. 21 Dart-
mouth, Tech Gym. Feb. 26 Holy Cross
at Worcester. Feb. 29 University of
Maine, Tech Gym.

CALENDAR.

Friday, Nov. 15.

4:00 P. M. Mandolin Club Rehearsal in
33 Rogers.
1:00 P. M. Rifle Club Meeting in Rog-
ers.
4:00 P. M. Mandolin Club Rehearsal
in 33 Rogers.
7:30 P. M. Southern Club Meeting at
the Union.
4:00 P. M. Fencing Team Meets at 22
St. Botolph St.

Saturday, Nov. 16.

6:30 P. M. Dinner of El Circulo Mexi-
cano at the American House.

Monday, Nov. 18.

1:10 P. M. Meeting of THE TECH
Board of Editors in 30 Rogers.
4:00 P. M. Glee Club Rehearsal at the
Union.
4:00 P. M. Mandolin Club Rehearsal in
33 Rogers.
4:10 P. M. Gymnasium Class Work Be-
gins.
7:30 P. M. Civil Engineering Society
Smoker at the Union.

FACULTY NOTICES

1911.—All first year men who have
not received a physical examination
should report to C. Towne, Instructor
at once at the Gymnasium.

MILITARY SCIENCE.—The examina-
tion for officers will take place today,
4.05-5.05, in Rogers. There is an oppor-
tunity for a Sophomore to take the po-
sition of second lieutenant.

GYMNASIUM.—Regular class work
will begin at the Gymnasium Monday,
Nov. 18, at 4.10 P. M. There will be
two classes a day on Mondays, Wednes-
days and Fridays at 4.10 and 5.10 P. M.
respectively. Open to all students.

REGISTER OF STUDENTS.—Proofs of
the register of students for the Catalogue
are now posted on the bulletin boards,
and all students are requested to report
at once to the Registrar any errors
or omissions. The list will remain
posted until Saturday, Nov. 16, only,
after which the printing will be pro-
ceeded with.

NOTICES.

RIFLE CLUB.—There will be an im-
portant meeting of the Rifle Club Friday
at 1 P. M. in Rogers.

FENCING.—A meeting of all those in-
terested in fencing will be held this after-
noon at 22 St. Botolph St.

INSTITUTE COMM.—The Institute
Committee will meet in the Trophy Room
at one o'clock Monday. Election of
officers.

1910.—Last call for orders for Soph-
omore Class Pipes. If you have not
already done so, leave your order with
Southgate, Harrison, Jackson, or at the
Cage, before 12 o'clock Saturday.

SOUTHERN CLUB.—There will be a
meeting of the Southern Club at the
Union, Friday, Nov. 15, at 7.30. All
Southern men in Tech are expected to
be there.

WHAT WAS HERESY IS NOW SCIENCE.

(Continued from page 1.)

our grandfathers. The paleontologists
of 1907 are still unearthing fossils that
exhibit the genealogy of the horse and
the elephant; but popular attention now
seems turning toward the more terrific
manifestations of natural law in earth-
quakes and volcanoes.

For such study the last twenty-five
years have provided an unusual amount
of material. The cataclysm of Au-
gust, 1883, which rent asunder the is-
land of Krakatoa, has been followed
by a succession of appalling disturbances
of the earth's crust; the reawakening
of the New Zealand volcano, Tarawera,
and the resultant destruction of the
famous pink and white terraces of
Rotorua; the earthquake at Charle-
ston, S. C.; the long series of earthquakes
in Japan, one of them perhaps the most
formidable yet recorded; and the earth-
movements of southeastern Alaska, dis-
rupting the Muir glacier. The events of
1902 are still fresh in mind; the de-
struction by earthquake of considerable
parts of Chilpancingo in Mexico and
Quetzaltenango in Guatemala; the eru-
ptions in the West Indies, with the an-
nihilation of Saint-Pierre; and the
foundering of the island of Tori-Shima
in Japanese waters. And then, more re-
cently, the vast disturbance in Formosa,
the new chapter in the history of Ye-
suvius, and the earthquakes of San
Francisco, Valparaiso, and Jamaica.

Here are tremendous catastrophes
which a century and a half ago would
have been widely regarded as inter-
position of Providence to punish a
guilty world. Men who have instan-
tly recalled Isaiah's threat against Jeru-
salem, "Thou shalt be visited by the
Lord of hosts with thunder and with
earthquake, and great noise, . . .
and the flame of devouring fire." But
today we see in these disasters nothing
but the steady and inevitable settling
of the earth's crust and the display
of those Titanic forces which, without
haste and without rest, regardless of
puny man, his follies, his sins, and his
card-houses, work from everlasting to
everlasting."

YOU LOSE MONEY

every time you have a poor engraving or illustration to sell
your goods. We will produce you something that guar-
antees result. We do the engraving and illustrating for
the biggest advertisers in the world. We can do it for you.

MASS. ENGRAVING COMPANY
104 HANOVER STREET

ASK ANY COLLEGE MAN
ABOUT

COES & YOUNG'S SHOES

20 SCHOOL STREET, - BOSTON



Healthy
Cows

Scrupulous care in milk-
ing—hygienic methods in
handling—freedom from
adulteration—cool tem-
perature—a richness in
cream—a fineness in
flavor—these are your
safeguards and the means
by which HOOD'S MILK
brings health and happi-
ness into 70,000 homes.

H. P. HOOD & SONS
494 Rutherford Ave. 'Phone Ch's'n 266

W. M. ROWAN

"THE TECH BARBER"

Westminster Hotel . . . St. James Ave.

SPECIAL TO STUDENTS
HAIR CUT 25 CENTS SHAVE 15 CENTS

J. MAKLAUSKY

Tailor

Opposite Victoria and Vendome Hotels

Nothing too small for my strict attention
and nothing too high for my capability

145 Newbury St. Tel. 3089-4 B. B.

Floral Designs a Specialty
Flowers and Plants at Reasonable Prices

FINE, The Florist

202 Dartmouth St., Boston, Mass.

Telephone, 1521-3 Back Bay

Fresh Violets three times a day

PLAZA OUTFITTERS

NEXT DOOR TO HOTEL PLAZA

Complete Line of MEN'S FURNISHINGS
Special Attention to Tech Men

431 COLUMBUS AVENUE

BOOK BINDING
IN EVERY STYLE

ALEXANDER MOORE

11 Hamilton Place

EST'D. 1850 opp. Park St. Church

DAVID W. EDWARDS, Jr.

Tailor

Removed to 420 Boylston Street
BOSTON

Telephone, Back Bay 3535-3

**College
Clothes**

Many new and exclusive
styles for young men,
hand tailored by the best
craftsmen.

A. SHUMAN & CO.
BOSTON

WM. READ & SONS



ATHLETIC OUTFITTERS

81 Years of Square Dealing

Wm. Read & Sons. Blue trade mark on your
athletic goods is insurance against substitu-
tions, means the finest quality at a fair price,
means an absolute Guarantee on all you buy.

OUR SPECIALTIES

Football, Basketball, Baseball, Hockey Track,
Tennis, are especially guaranteed.

LIBERAL DISCOUNT TO TECH MEN

WM. READ & SONS

THE TECH TAILORS

REDUCTION UNTIL DEC. 15

OUR \$40.00 SUIT FOR \$30.00
OUR \$40.00 OVERCOAT FOR \$30.00

A. H. MATZ & CO.

32 Huntington Avenue

Telephone 1336-3 B. B.

All Goods Required by
Students at

MacLachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
Fountain Pens, Text-books

THE STUDENT'S DRUG STORE

UNDER COPLEY SQUARE HOTEL
We make a special effort to merit
the patronage of our student
friends

Don't forget the address — under Copley Square Hotel

HERRICK TICKETS

Copley Square

Telephone

2329, 2330 and 2331 Back Bay



WE HAVE THEM

KNICKREBOCKERS

Did you ever wear our Shoes? Then
you know what comfort is

Cordovan Lace Oil Grain Kid
Patent Green Metal

Sold at \$2.00 less than in other stores

E. W. BURT & CO., 40 West St.

ATHLETES ATTENTION!



In order to obtain the best results in athletic contests, it is important that you should have the best implements. They may cost a trifle more, but it pays. Many a match has been lost by the use of poor tools, so why not have the best Tennis Racket and Ball, Foot Ball, Basket Ball, Running Shoes, Skates, Hockey Sticks, Sweaters, Jerseys, etc. Our goods have character — our trade-mark means something.

Send for our Catalogue. It is free to any address

WRIGHT & DITSON

344 Washington Street, Boston
18 West 30th Street, New York

Chicago Providence, R. I. Cambridge, Mass.

TO DEBATE ANNUAL EXAMS.

Civic Club Takes Up Student Questions.

Plenty of snap in the debate and a full attendance characterized the meeting of the Civic Club Wednesday evening. Several new men were present and B. L. Gimson 1908, L. D. Nisbeth 1908, J. H. Ruckmann 1910, H. F. Ballard spec., G. D. Whittle, B. S. spec., and Russell spec. were elected members. The debate on the question, "Resolved, That the United States should not keep the Philippines," was lively and spirited. The next meeting will be held at the Union and the question for debate will be "Resolved, That the system of semi-annual exams at Tech is not the fairest test of a student's ability."

CLASSIFIED ADS.

Advertisements of this kind under different classifications are inserted at the rate of five cents a line, averaging six words to a line, payable in advance.

THE TECH wants two second-hand flat-top desks with drawers. Come up to Room 30 and tell us what you have.

WANTED.—Someone to take notes on the Friday lectures in "Chem. B." Address X1Z, Tech.

WANTED.—Someone willing to pay a quarter for a hearty, and good, hot lunch, to be obtained on St. James Ave. (halfway between Walker and Lowell.) C. S. H.

WANTED AT ONCE.—Copies of the first six volumes of Technique in good condition. State price. Box 52, The Cage.

WANTED AT ONCE.—25 copies each of THE TECH, Nos. 1 and 11, appearing on Oct. 2 and 25. Take them to the Cage and get 5 cents for each copy in good condition.

SLIDE RULE WANTED.—A good slide rule and slide rule instruction book wanted. Leave a note at Box 24, the Cage.

LOST.—Will the man who found a plain gray sweater at the Field on Friday please notify H. I. Pearl, Cage.

LOST.—A suit case containing books and a drill-suit from 43 Rogers Wednesday. Finder please leave at the 'Cage' for C. H. Harrington.

LOST.—A fountain pen at the Field on Friday. Finder please leave at the Cage for C. W. Gram, '09.

LOST.—In English A. Monday, "D. C. Generators," (Franklin & Estey's). Will finder kindly leave at Cage? A. B. Purdom, '09.

LOST.—Gentleman's bill folder and coin purse containing amount of money and the owner's name. Finder please return to Ernest DeWit, 175 Warren Ave., and receive reward.

MORSE & HENDERSON

Tailors

18 BOYLSTON STREET

Rooms 14-15

Telephone Oxford 99 BOSTON



C. A. PATTEN & CO.

Merchant Tailors

No. 43 TREMONT ST., Carney Bldg., BOSTON

Our New Line

of Fall and Winter Novelties
are now open for your inspection.
SUITS AND OVERCOATS
\$25.00 to \$35.00

C. A. PATTEN

SAM'L W. FLEISHER

DINING ROOM

23

ST. BOTOLPH STREET

Popular Prices. Special Attention
to "Tech Men." Try our Course
Lunch 25c.

W. H. PRIDHAM

DAVID J. FOX

Hatter and Haberdasher

LAUNDRY RETURNED IN TEN HOURS
Up-to-date Novelties in Men's Furnishings
Corner CHANDLER & DARTMOUTH STS.
Special attention to Tech Men

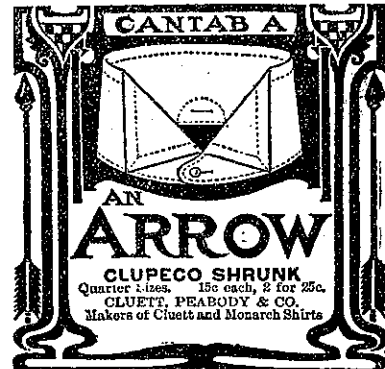
HIGGINS'



Drawing-Inks
Internal Writing-Ink
Engraving-Ink
Taurine Mucilage
Photo-Mount
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.

Are the Finest and Best Inks and
Adhesives. Emancipate yourself
from the use of corrosive and ill
smelling inks and adhesives and
adopt the Higgins Inks and Ad-
hesives. They will be a revelation
to you, they are so sweet, clean,
and well put up.

At Dealers Generally.
CHAS. M. HIGGINS & CO., Mfgs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.



Now that Field Day is
over, our next duty as
Students, is to

LINE UP

all classes in support of

The Tech

SECOND CALL

All out for the

News Staff

Business Staff